

PATENT CLAIMS

1. A target object for sporting competitions (1, 53) having a receiving device (2, 31, 54), the target object (1, 53) being suspéndable above a starting surface (5) in such a way that the receiving device (2, 31, 54) has one or more openings (21, 32, 58) pointing toward the starting surface (5), through which, in use, a balloon (20, 59) filled with lifting gas may rise freely into the receiving device (2, 31, 54) from the starting surface (5) as the target subject,
characterized in that all openings (21, 32, 58) are positioned in a bottom (7) of the receiving device (2, 31, 54) and the target object (1) is held on the ground (6) by a rod-shaped support element (9), which is held at an angle (13), which is settable using an adjustment element, between the support element (9) and the horizontal using a receiving element.
2. The target object (53) according to the preceding claim, characterized by a registration element (61), using which the balloon (59) guided into the receiving device (54) may be registered.
3. The target object (1) according to one of the preceding claims, characterized in that the receiving device (2, 31) has a cover element (25, 37), which closes the receiving device (2, 31) on top in the suspended state of the target object (1).
4. The target object according to one of the preceding claims, characterized by a destruction device, using which the balloons guided into the receiving device may be destroyed.
5. The target object according to one of the preceding claims, characterized by a marking device, using which the balloons guided into the receiving device may be marked.
6. The target object (1, 53) according to one of the preceding claims, characterized in that the receiving device (2, 31, 54) is implemented as cuboid.

7. The target object (1) according to one of the preceding claims, characterized by a rigid stabilizing device (23, 40), using which the shape of the receiving device (2, 31) may be stabilized.
8. The target object (1) according to the preceding claim, characterized in that the stabilizing device (23, 40) has rods (28) connected in a scissor shape, using which a rectangular delimitation element may be stabilized in the shape of the receiving device (2, 31) and which may be laid together parallel for transport of the target object (1).
9. The target object (1) according to the preceding claim, characterized in that the delimitation element having the spatial shape of the receiving device (2, 31) may be suspended in the pre-mounted stabilization device (23).
10. The target object (53) according to one of the preceding claims, characterized by a lift element (55), which may be filled with a carrier gas having a lower density than air in such a way that the target object (53) may be lifted into a position above the starting surface, supported by the lift of the carrier gas.
11. The target object (1) according to one of the preceding claims, characterized in that the support element (9) is manufactured from fiber-reinforced plastic.
12. The target object (1) according to Claim 5, characterized in that the support element (9) may be mounted in segments.
13. A receiving element (10) in which a target object (1) may be received according to one of the preceding claims in particular using a support element (9), a motor vehicle (11) able to be parked on the receiving device (10) for weighting.
14. The receiving element (10) according to the preceding claim, characterized by a receiving cage (43), in which the support element (9) and the adjustment element are supported.
15. The receiving element (10) according to Claim 13 or 14, characterized in that the receiving element (10) obstructs the removal of the motor vehicle (11) in the state mounted with the support element (9).